



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

**RBW1805G01731-3G-3**

**Job Sheet 172706**



Part No: RBW1805G01731-3G-3

Job Qty: 1 ea

Part Name: Jack Plate



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/21/18

Job Tracking No:

Due Date: 2/28/18

Created By: Michelle Gagnon-Donovan

Type: SOLD

Description:

Note: DWG RBW1805G01731-3G REV 3 IPP REV A 18.02.20 NEW ISSUE FK VERIFY DP

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation              | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off    |
|-------|------------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|-------------|
|       |                        |       |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |             |
| 90    | Start up Operation     | 3 Ea  | 2/27/18    | 2/27/18  | 0.00      | 0.00    | Start Up Waterjet2    |           | ac 18/04/04 |
| 100   | Waterjet               | 3 pcs | 2/27/18    | 2/27/18  | 1.20      | 0.83    | Waterjet 2 OMAX       |           | ac 18/04/04 |
| 110   | QC                     | 3 pcs | 2/27/18    | 2/27/18  | 0.00      | 0.00    | QC2 Waterjet-4        |           | ac 18/04/04 |
| 120   | CNC Vertical Machining | 3 pcs | 2/28/18    | 2/28/18  | 8.17      | 3.80    | MORI NV5000-1         |           | ac 18/04/10 |
| 130   | QC                     | 3 pcs | 2/28/18    | 2/28/18  | 0.00      | 0.00    | QC2 Machining-5       |           | ac 18/04/10 |
| 140   | QC                     | 3 pcs | 2/28/18    | 2/28/18  | 0.00      | 0.00    | QC8 Machining-5       |           | ac 18-04-10 |
| 150   | Packaging              | 3 pcs | 2/28/18    | 2/28/18  | 0.00      | 0.00    | Packaging3-2          |           | 18-04-16    |
| 160   | QC21-SA                | 3 Ea  | 2/28/18    | 2/28/18  | 0.00      | 0.00    | QC21                  |           | GA 100      |

Part Op 100 - 1-Cut as per Dwg Dwg Rev: 3 Prog Rev: 3 2- Debur if necessary

Descriptions: 120 - 1-Machine as per folio FB FOLIO REV: DWG REV: 2-Debur

130 - Engrave P/N number using Marktronic engraver as per DWG.

150 - IDENTIFY AND STOCK

APR 17 2018

21  
3-80

### Job BOM

| Part / Item      | Component Name         | Quantity          | Operation             | Container |
|------------------|------------------------|-------------------|-----------------------|-----------|
| M304B0.500X6.000 | 304 Bar 0.500 X 6.000" | 1.5000 ft (.5 ea) | 90-Start up Operation |           |

### Job Allocations

| Operation             | Component Part   | Required | Inventory | Allocated |
|-----------------------|------------------|----------|-----------|-----------|
| 90-Start up Operation | M304B0.500X6.000 | 2        | 0         | 0         |

### Part Specifications

Specifications could not be found.

Plex 2/21/18 12:53 PM Dart.Gagnon.Michelle

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL.: 1 813 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

**DART**  
AEROSPACE

Container No: S058507



Part: RBW1805G01731-3G-3  
Job No: 172706  
Serial No/Batch: S058507

Revision: 3  
Inspector:

Date: 04/05/18





DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

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| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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<input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube <input type="checkbox"/></td> <td style="border: none;">Cross tube <input type="checkbox"/></td> <td style="border: none;">Water Jet <input type="checkbox"/></td> <td style="border: none;">Engineering <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Machining <input type="checkbox"/></td> <td style="border: none;">Small Fab <input type="checkbox"/></td> <td style="border: none;">Prod. Eng. Coord. <input type="checkbox"/></td> <td style="border: none;">Quality <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Thermoforming <input type="checkbox"/></td> <td style="border: none;">Finishing <input type="checkbox"/></td> <td style="border: none;">Rec/Store/Packaging <input type="checkbox"/></td> <td style="border: none;">Other <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Large Fab <input type="checkbox"/></td> <td style="border: none;">Composite <input type="checkbox"/></td> <td style="border: none;">Supplier <input type="checkbox"/></td> <td></td> </tr> </table> |                                                            |                                                |                                               | Skid-tube <input type="checkbox"/> | Cross tube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/>            | Thermoforming <input type="checkbox"/>   | Finishing <input type="checkbox"/>        | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/>            | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> |                                 |                                        |                                             |                                   |                                       |                                                |                                    |                                |                                               |                                        |                                   |                                 |                                               |                               |                                         |                                       |                                   |                                                 |                                                            |                                             |                                            |                                   |                                          |                                |                                        |                                          |                                     |                                             |                                           |                                   |                                      |                                  |                                  |                                           |                                  |                                     |                                        |                                     |                                 |                              |                                              |                                             |                                                          |                                       |                                  |                                     |                                              |                                        |                                      |                                                |                                           |                                           |                                                |               |  |  |  |                                        |                                   |
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| Machining <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| <table style="width: 100%; border: none;"> <tr> <td colspan="3" style="text-align: center;"><b>Root Cause</b></td> <td colspan="3" style="text-align: center;"><b>FAULT CATEGORY</b></td> </tr> <tr> <td style="border: none;">Environment <input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/> No Re-verification</td> <td style="border: none;"><input type="checkbox"/> Pressure/Forced</td> <td style="border: none;"><input type="checkbox"/> Temperature/Cure</td> <td style="border: none;"><input type="checkbox"/> Power Loss/Surge</td> <td style="border: none;"><input type="checkbox"/> Positioned Wrong</td> </tr> <tr> <td style="border: none;">Design <input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/> Operator</td> <td style="border: none;"><input type="checkbox"/> Bending</td> <td style="border: none;"><input type="checkbox"/> Set-up</td> <td style="border: none;"><input type="checkbox"/> Folio/Program</td> <td style="border: none;"><input type="checkbox"/> Outside Dimensions</td> </tr> <tr> <td style="border: none;">Doc/Data <input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/> Offset/Setup</td> <td style="border: none;"><input type="checkbox"/> Centre Not Concentric</td> <td style="border: none;"><input type="checkbox"/> BOM/Route</td> <td style="border: none;"><input type="checkbox"/> Grain</td> <td style="border: none;"><input type="checkbox"/> Over/Under tolerance</td> </tr> <tr> <td style="border: none;">Equip/Tooling <input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/> Supplier</td> <td style="border: none;"><input type="checkbox"/> Cracks</td> <td style="border: none;"><input type="checkbox"/> Broken/Damage/Defect</td> <td style="border: none;"><input type="checkbox"/> Weld</td> <td style="border: none;"><input type="checkbox"/> Part Incorrect</td> </tr> <tr> <td style="border: none;">Handling/Pre <input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/> Training</td> <td style="border: none;"><input type="checkbox"/> Crimp/Kink/Ripple/Wave</td> <td style="border: none;"><input type="checkbox"/> Inspection Incomplete/Unqualified</td> <td style="border: none;"><input type="checkbox"/> Wrong Stock Pulled</td> <td style="border: none;"><input type="checkbox"/> Part Lost/Missing</td> </tr> <tr> <td style="border: none;">Material <input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/> Use for Testing</td> <td style="border: none;"><input type="checkbox"/> Cuffs</td> <td style="border: none;"><input type="checkbox"/> Contamination</td> <td style="border: none;"><input type="checkbox"/> Out of Sequence</td> <td style="border: none;"><input type="checkbox"/> Part Moved</td> </tr> <tr> <td style="border: none;">Internal Transport <input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/> Poor Information</td> <td style="border: none;"><input type="checkbox"/> Crushing</td> <td style="border: none;"><input type="checkbox"/> Countersink</td> <td style="border: none;"><input type="checkbox"/> Off-set</td> <td style="border: none;"><input type="checkbox"/> Drawing</td> </tr> <tr> <td style="border: none;">Tribal Knowledge <input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/> Rushing</td> <td style="border: none;"><input type="checkbox"/> Heat Treat</td> <td style="border: none;"><input type="checkbox"/> Cut Too Short</td> <td style="border: none;"><input type="checkbox"/> Mislabeled</td> <td style="border: none;"><input type="checkbox"/> Finish</td> </tr> <tr> <td style="border: none;">LOA <input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/> Product Improvement</td> <td style="border: none;"><input type="checkbox"/> Wave/Twist in Tube</td> <td style="border: none;"><input type="checkbox"/> Instructions Incomplete/Unclear</td> <td style="border: none;"><input type="checkbox"/> Fit/Function</td> <td style="border: none;"><input type="checkbox"/> Misread</td> </tr> <tr> <td style="border: none;">Substation <input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/> Process Improvement</td> <td style="border: none;"><input type="checkbox"/> Marks/Chatter</td> <td style="border: none;"><input type="checkbox"/> Drill Holes</td> <td style="border: none;"><input type="checkbox"/> Misaligned/off center</td> <td style="border: none;"><input type="checkbox"/> Turning Sequence</td> </tr> <tr> <td style="border: none;">Past Expiry Date <input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/> Manufacturing Process</td> <td colspan="4" rowspan="2" style="vertical-align: top;">OTHER : _____</td> </tr> <tr> <td style="border: none;">Misidentified <input type="checkbox"/></td> <td style="border: none;"><input type="checkbox"/> Past Due</td> </tr> </table> |                                                                            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type="checkbox"/> Bending  | <input type="checkbox"/> Set-up | <input type="checkbox"/> Folio/Program | <input type="checkbox"/> Outside Dimensions | Doc/Data <input type="checkbox"/> | <input type="checkbox"/> Offset/Setup | <input type="checkbox"/> Centre Not Concentric | <input type="checkbox"/> BOM/Route | <input type="checkbox"/> Grain | <input type="checkbox"/> Over/Under tolerance | Equip/Tooling <input type="checkbox"/> | <input type="checkbox"/> Supplier | <input type="checkbox"/> Cracks | <input type="checkbox"/> Broken/Damage/Defect | <input type="checkbox"/> Weld | <input type="checkbox"/> Part Incorrect | Handling/Pre <input type="checkbox"/> | <input type="checkbox"/> Training | <input type="checkbox"/> Crimp/Kink/Ripple/Wave | <input type="checkbox"/> Inspection Incomplete/Unqualified | <input type="checkbox"/> Wrong Stock Pulled | <input type="checkbox"/> Part Lost/Missing | Material <input type="checkbox"/> | <input type="checkbox"/> Use for Testing | <input type="checkbox"/> Cuffs | <input type="checkbox"/> Contamination | <input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Part Moved | Internal Transport <input type="checkbox"/> | <input type="checkbox"/> Poor Information | <input type="checkbox"/> Crushing | <input type="checkbox"/> Countersink | <input type="checkbox"/> Off-set | <input type="checkbox"/> Drawing | Tribal Knowledge <input type="checkbox"/> | <input type="checkbox"/> Rushing | <input type="checkbox"/> Heat Treat | <input type="checkbox"/> Cut Too Short | <input type="checkbox"/> Mislabeled | <input type="checkbox"/> Finish | LOA <input type="checkbox"/> | <input type="checkbox"/> Product Improvement | <input type="checkbox"/> Wave/Twist in Tube | <input type="checkbox"/> Instructions Incomplete/Unclear | <input type="checkbox"/> Fit/Function | <input type="checkbox"/> Misread | Substation <input type="checkbox"/> | <input type="checkbox"/> Process Improvement | <input type="checkbox"/> Marks/Chatter | <input type="checkbox"/> Drill Holes | <input type="checkbox"/> Misaligned/off center | <input type="checkbox"/> Turning Sequence | Past Expiry Date <input type="checkbox"/> | <input type="checkbox"/> Manufacturing Process | OTHER : _____ |  |  |  | Misidentified <input type="checkbox"/> | <input type="checkbox"/> Past Due |
| <b>Root Cause</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| Environment <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| Design <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| Doc/Data <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| Equip/Tooling <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| Handling/Pre <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  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| Material <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| Internal Transport <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| Tribal Knowledge <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| LOA <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| Substation <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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